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橐吾属一新种*

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A NEW SPECIES OF *LIGULARIA* FROM SICHUAN, CHINA

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关键词 橐吾属；什邡橐吾

什邡橐吾　土紫菀　新种　图1

Ligularia shifangensis G. H. Chen et W. J. Zhang, sp. nov.

Species affinis *L. tenuipi* (Franch.) Diels, sed folio basilari fasciculato inferioraque brevier petiolari, 2～4 cm longo, illa caulino sessili; lamina late obovato, ovato vel oblongo, minore, 6～11 cm longo, 2～8 mm, lato, apice obtuso vel acuto, basi lato-cuneato. utrinque dense breviter fulvo-pubescento et sparso albo-piloso, Calathidiis racemosis dispositis, 8 cm longis, libero. Involucris lato-campanulatis circ. 6 mm longis, circ. 8 mm latis; phyllis 10～14, Flosculis radiatis ligulatis 10～14, ligulis oblongis circ. 7 mm longis, circ. 2.5 mm latis differt.

Herba perennis. Radices tenues, leviter carnosulae, sparsim pubescentes. Caulis erectus, tenuis, 30～60 cm altus, cum inflorescentiis dense fulvo-pubescens et albo-pilosus, basi 3～6 mm crassus, fibris petiolorum marcidorum vestitus. Folia basilaria fasciculata caulina inferioraque breviter petiolata; petioli 2～4 cm longi, alato, basi ampliati, vaginati; folia caulina sessilia vaginata, semiamplexicaulia; laminae late obovatae, ovatae vel oblongae, 6～11 cm, longae, 2～8 cm latae, apice obtusae vel acutae, margine serratae, basi late cuneatae, utrinque dense breviter fulvo-pubescentes et sparsim albo-pilosae; nervis pinnatis, lateralibus, utrinque prominentibus Calathidia 9～14, 1.5～2 cm diam., in racemum 8 cm longum laxum, basi subramosis, liberis. Pedunculi 2～4 cm longi. Bracteae lanceolatae 1.5～2 cm longae, 0.2 cm latae. Bracteolae lineares, circ. 1 cm longae. Involucrum late campanulatum, circ. 6 mm longum, circ. 8 mm latum. Phylla 10～14, biseriata,

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lanceolata, 6 mm longa, 1.5 mm lata, fusca, apice acuta, margine membranacea, albo-pubescentia, dorso demse fulvo-pubescentia, Flosculi radii ligulati 10～14, flavi, ligulae oblongae, circ. 7 mm longae, 2.5 mm latae, apice 2～3-dentatae, tubis circ. 2 mm longis, Flosculi disci tubulati, numerosi, brunnei, circ. 6 mm longi, pappus flavus, corolla flosculi disci paulo brevior. Achaenia ematura, laevia.

Sinchuan(四川): Shifang(什坊), alt. 3650 m, 1997-07-18, Huang Maoshou *et al*. 79-813 (holotypus, in Chengdu Second Institute for Drug Control; isotypus, PE); same locality, 79-707, 79-708; Pengzhou, alt. 3200 m, 1984-07-03, Exped. Pl. Med. Chengdu 84-54. (cons. reg. ib.)



图 1. 什邡橐吾

Fig.1 *Ligularia shifangensis*

多年生草本。根稍带肉质,较细,疏被短柔毛,茎细瘦,直立,高 30～60 cm,连同花序密被黄褐色短柔毛夹疏的白色柔毛,基部直径 3～6 mm,被褐色枯叶柄纤维包围。丛生叶及茎基部叶具短柄,柄长 2～4 cm,有翅、基部扩大成鞘状,茎中上部叶不具柄而半抱茎;叶片倒宽卵形,卵形或长圆形,长 6～11 cm,宽 2～8 cm,先端钝或急尖,边缘有小齿,基部宽楔形,两面密被黄褐色短柔毛夹疏长白色柔毛;叶脉羽状,侧脉网状,在两面均突起。头状花序 9～14 个,辐射状,直径 1.5～2 cm,排列成长 8 cm、疏离的总状花序。花序梗长 2～4 cm,苞片披针形,长 1.5～2 cm,宽 0.2 cm;小苞片线形,长约 1 cm;总苞宽钟形,长约 6 mm,宽 8 mm;总苞片 10～14,2 层,披针形,长 6 mm,宽 1.5 mm,暗棕色,先端骤尖,边缘膜质,具白色柔毛,背部密被黄褐色短柔毛。边缘小花舌状,10～14,黄色,舌片长圆形,长约 7 mm,宽约 2.5 mm,先端具 2～3 齿,管部长约 2 mm;中央为管状花,多数,暗黄毛,长约 6 mm,冠毛淡黄色,比花冠稍短。瘦果(未熟),光滑。

本种与簇梗橐吾 *Ligularia tenuipies* (Franch.) Diels 相近,但丛生叶及茎基部叶具短柄,柄长 2～4 cm,茎中部以上的叶不具柄;叶片倒宽卵形,卵形或长圆形。较小,长 6～11 cm,宽 2～8 cm;先端钝或急尖,基部宽楔形,两面密被黄褐色短柔毛夹疏长白色柔毛。头状花序排列成总状花序,长 8 cm,疏离。总苞宽钟形,长约 6 mm,宽约 8 mm,总苞片 10～14,舌状花 10～14,舌片长圆形,长约 7 mm,宽 2.5 mm 而不同。